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SOURCE Newspapers as indicated.

TEMPERS TOOLS BY NEW SUPER-COLD PROCESS

PROCESS USED ON 30 TYPES OF TOOLS -- Moskovskiy Bol'shevik, No 270, 17 Nov 49

The Borets Plant is now tempering tools by a new super-cold process in which the tool is subjected to a temperature of minus 85-100 degrees centigrade. The teeth of a Heller saw treated in this manner last four times as long as previously. High-speed turret-lathe cutting tools likewise last much longer. At present, 30 different types of tools are being tempered by super-cold.

HIGH-FREQUENCY UNIT LOWERS COSTS -- Kommunist, No 12, 14 Jan 50

During 1949 the Yerevan Machine-Tool Building Plant imeni Dzerzhinskiy raised the productivity of labor 10.5 percent. A high-frequency surface-tempering unit has cut down expenditure of electricity, raised the quality of tempered parts, and reduced their production cost.

NEW TYPE WOODWORKING MACHINE -- Warsaw Zwiaskowiec, No 8, 19 Feb 50

A new type woodworking machine has been designed in the USSR, by B. Nechunaev, a cabinetmaker. This machine takes the place of ten special machines which up to now were used for various woodworking jobs. The machine's output is almost twice that of the most modern US-made woodworking machine.

BOASTS DOUBLED PRODUCTIVITY -- Trud, No 66, 17 Mar 50

The conversion from individual Stakhanovite work to Stakhanovite sections, shops, and enterprises is an important step in increasing production. With the same equipment and the same number of workers at the Kalibr Plant, production increased 2.6 times and labor productivity increased 2.3 times in comparison with 1940.

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PLANT PROMISES NEW PRODUCTS -- Zarya Vostoka, No 8, 12 Jan 50

During the first quarter of 1950 the Tbilisi Machine-Tool Building Plant will get two new types of tool into production, cut its electric power consumption 25,000 kilowatt-hours, and increase the labor productivity 5 percent.

NEW HIGH-PRODUCTION MILLING MACHINES -- Kommunist, No 64, 15 Mar 50

Engineers at the Gor'kiy Milling Machine Plant have developed and put into production a group of high-production bracket and heavy milling machines. The controls have been mechanized and made automatic to the utmost, permitting one operator to service several machines at the same time. The designers of these machines have been awarded the Stalin Prize.

ZIS MAKES TOOTH-MILLING MACHINES -- Zarya Vostoka, No 239, 8 Dec 49

The Moscow Automobile Plant imeni Stalin is installing two production lines for making gear wheels for two-spindle high-duty tooth-milling machines which the plant manufactures.

OPERATORS STILL SHARPEN OWN TOOLS -- Sovetskaya Latvija, No 11, 13 Jan 50

Centralized sharpening of hard alloy-cutting tools still has not been organized at the Riga VEF, REZ, Stars, and Turbine Machinery Plants. Riga enterprises are also backward in seeing to the accurate grading and marking of cutting tools.

BEARINGS PLANT FULFILLS PLEDGE -- Moskovskaya Pravda, No 18, 11 Mar 50

The Moscow Second Bearings Plant fulfilled its Election Day pledge ahead of schedule. Several thousand bearings were manufactured above plan.

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